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DT Rec'd PCT/PTO 07 FEB 2005  
PATENT  
3505-1018

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Mika KORKEAMAKI et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed February 7, 2005

Examiner

METHOD AND DEVICE FOR IDENTIFYING MICRO ORGANISMS

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION CONCURRENT WITH THE**  
**FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 7, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☒ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

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a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

*Benoit Castel*

Benoit Castel, Reg. No. 35,041  
745 South 23<sup>rd</sup> Street  
Arlington, VA 22202  
Telephone (703) 521-2297  
Telefax (703) 685-0573  
(703) 979-4709

BC/yr

Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

 Attorney Docket No.:  
**3505-1018**

 Application No.:  
**NEW NATIONAL PHASE**

 Applicant:  
**Mika KORKEAMAKI et al.**

 Filing Date:  
**February 7, 2005**

Group Art Unit:

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	5,760,900	6/2/1998	ITO et al.			
	6,225,046	5/1/2001	VESEY et al.			
	4,573,796	3/4/1986	MARTIN et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Applied and Environmental Microbiology, Volume 61, No 5, May 1995, Gunter Wallner et al, 'Flow Cytometric Analysis of Activated Sludge with rRNA-Targeted Probes', page 1859 - page 1866, abstract, see Materials and Methods
	FEMS Microbiology Ecology, Volume 43, 2003, Lionel Rigottier-Gois et al., 'Fluorescent hybridisation combined with flow cytometry and hybridisation of total RNA to analyse the composition of microbial communities in human faeces using 16S rRNA probes', page 237 - page 245, abstract, see section 2.5 and 4
	Applied and Environmental Microbiology, Volume 68, No 9, 2002, Erwin G. Zoetendal et al, "Quantification of Uncultured Ruminococcus obeum-Like Bacteria in Human Fecal Samples by Fluorescent In Situ Hybridization and Flow Cytometry Using 16S rRNA-Targeted Probes", page 4225 - page 4232, see pages 4226, column 1; page 4227, column 2, line 46 - page 4228, column 1, line 3, figure 3
	BIOSIS, accession no. PREV200200616964, Langwothy D E et al: 'Flow cytometric methods for the study of bacteria and protozoan parasites in environmental matrices', Abstracts of the General Meeting of the American Society for Microbiology, (2002), Vol. 102, page 386
	Analysis of bacterial function by multi-colour fluorescence flow cytometry and single cell sorting, NEBE-VON-CARON et al., 2000:660935 CAPLUS, 97-114
	MOLECULAR CHARACTERIZATION OF BACTERIAL COMMUNITIES IN THE HUMAN GASTROINTESTINAL TRACT, E.g. ZOETENDAL, 13 November, 2001, Wageningen University dissertation no. 3078
	APPLICATION OF FLOW CYTOMETRY FOR ECOLOGICAL MONITORING OF THE RUMEN MICROBIAL ECOSYSTEM, Lipoglavsek et al., Folia Microbiol 46 (1), 53-55 (2001)

EXAMINER:	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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